SOLAR'S MOST TRUSTED

REC TWINPEAK 2 MONO SERIES

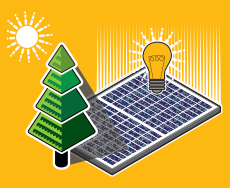
PREMIUM SOLAR PANELS WITH SUPERIOR PERFORMANCE

REC TwinPeak 2 Mono Series solar panels feature an innovative design with high panel efficiency and power output, enabling customers to get the most out of the space used for the installation.

Combined with industry-leading product quality and the reliability of a strong and established European brand, REC TwinPeak 2 Mono panels are ideal for residential and commercial rooftops worldwide.



MORE POWER OUTPUT PER FT²



IMPROVED PERFORMANCE IN SHADED CONDITIONS

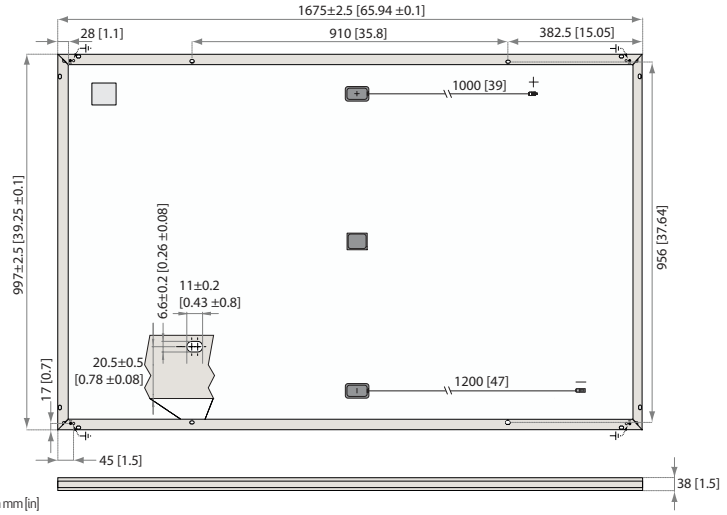


100% PID FREE



REDUCES BALANCE OF SYSTEM COSTS

REC TWINPEAK 2 MONO SERIES



Measurements in mm [in]

ELECTRICAL DATA @ STC	Product Code*: RECxxxTP2M			
Nominal Power - P_{MPP} (Wp)	300	305	310	315
Watt Class Sorting - (W)	0/+5	0/+5	0/+5	0/+5
Nominal Power Voltage - V_{MPP} (V)	33.0	33.3	33.5	33.7
Nominal Power Current - I_{MPP} (A)	9.10	9.17	9.26	9.36
Open Circuit Voltage - V_{OC} (V)	39.5	39.7	39.8	39.9
Short Circuit Current - I_{SC} (A)	9.70	9.80	9.90	10.05
Panel Efficiency (%)	18.0	18.3	18.6	18.9

Values at standard test conditions STC (airmass AM 1.5, irradiance 1000 W/m², cell temperature 25°C).
At low irradiance of 200 W/m² (AM 1.5 and cell temperature 25°C) at least 95% of the STC module efficiency will be achieved.
*Where xxx indicates the nominal power class (P_{MPP}) at STC above.

ELECTRICAL DATA @ NOCT	Product Code*: RECxxxTP2M			
Nominal Power - P_{MPP} (Wp)	224	228	232	236
Nominal Power Voltage - V_{MPP} (V)	30.5	30.8	31.0	31.2
Nominal Power Current - I_{MPP} (A)	7.35	7.41	7.48	7.56
Open Circuit Voltage - V_{OC} (V)	36.5	36.7	36.8	36.9
Short Circuit Current - I_{SC} (A)	7.84	7.92	8.00	8.12

Nominal operating cell temperature NOCT (800 W/m², AM 1.5, windspeed 1 m/s, ambient temperature 20°C).
*Where xxx indicates the nominal power class (P_{MPP}) at STC above.

CERTIFICATIONS

Pending: IEC 61215, IEC 61730 & UL 1703

WARRANTY

10 year product warranty
25 year linear power output warranty
Max. performance degression of 0.7% p.a. from 97% in year 1
See warranty conditions for further details.

18.9% EFFICIENCY

10 YEAR PRODUCT WARRANTY

25 YEAR LINEAR POWER OUTPUT WARRANTY

TEMPERATURE RATINGS

Nominal Module Operating Temperature:	44.9°C (±2°C)
Temperature coefficient of P_{MPP}:	-0.37 %/°C
Temperature coefficient of V_{OC}:	-0.28 %/°C
Temperature coefficient of I_{SC}:	0.04 %/°C

GENERAL DATA

Cells:	120 half-cut mono-Si p-type PERC cells 6 strings of 20 cells in series
Glass:	0.13" (3.2 mm) solar glass with anti-reflective surface treatment
Back sheet:	Highly resistant polyester polyolefin construction
Frame:	Anodized aluminum
Junction box:	3-part with 3 bypass diodes, IP67 rated 12 AWG (4 mm²) PV wire, 39" + 47" (1.0 m + 1.2 m)
Connectors:	Stäubli MC4 PV-KBT4/PV-KST4, 12 AWG (4 mm²)

MAXIMUM RATINGS

Operational temperature:	-40 ... +185°F (-40 ... +85°C)
Maximum system voltage:	1000 V
Design load (+): snow	3600 Pa (75.2 lbs/ft²)*
Maximum test load (+):	5400 Pa (112.8 lbs/ft²)*
Design load (-): wind	1600 Pa (33.4 lbs/ft²)*
Maximum test load (-):	2400 Pa (50 lbs/ft²)*
Max series fuse rating:	20 A
Max reverse current:	20 A

* Calculated using a safety factor of 1.5
* See installation manual for mounting instructions

MECHANICAL DATA

Dimensions:	65.9 x 39.25 x 1.5 (1675 x 997 x 38 mm)
Area:	17.98 ft² (1.67 m²)
Weight:	40.8 lbs (18.5 kg)

Note! Specifications subject to change without notice.

Ref: NE-05-07-16 Rev-C 11.18

Founded in Norway in 1996, REC is a leading vertically integrated solar energy company. Through integrated manufacturing from silicon to wafers, cells, high-quality panels and extending to solar solutions, REC provides the world with a reliable source of clean energy. REC's renowned product quality is supported by the lowest warranty claims rate in the industry. REC is a Bluestar Elkem company with headquarters in Norway and operational headquarters in Singapore. REC employs more than 2,000 people worldwide, producing 1.5 GW of solar panels annually.

REC

www.recgroup.com